

# Work Order ID 64140

Thursday, November 25, 2010 2:49:18 PM

Page 1

Item ID: D350-607-041

Accept

Setup Start

Revision ID:

Stop

Item Name: Heli-Utility-Basket, LH

Start Date: 11/25/2010 Start Qty: 1.00

Cust Item ID:

Required Date: 12/3/2010 Req'd Qty: 1.00

Customer:

Reference:

Approvals: Process Plan: \_\_\_\_\_ Date: \_\_\_\_\_ Tooling: \_\_\_\_\_ Date: \_\_\_\_\_  
QC: \_\_\_\_\_ Date: \_\_\_\_\_ SPC (Y/N): \_\_\_\_\_ Date: \_\_\_\_\_

Run Start

Stop

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
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Draw Nbr	Revision Nbr
D350-607-1	Rev A

12 14 15 16 20

100 0.00



DOCUMENT CONTROL

DC Memo 0.00

Document Control Photocopy bluefile & type labels per PPPD350-607-041 CHG008

8/10/12/20

① J. L. BG 10-12-20 ①

110 Pick Kit 0.00



Packaging Memo 0.00

Packaging

10/12/17/20

120 Small Fab 0.00



Small Fab

Small Fab Memo 0.00

Small Fab

Assemble as per Dwg D350-607

Seal support gusset seam with white sikaflex-291

Batch: M116040

Expiry date: 11/09

8/10/12/20 ①

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

**Work Order ID 64140**

Page 2

Thursday, November 25, 2010 2:49:18 PM

Item ID: D350-607-041

Accept



Setup Start



Revisor 'D':

Stop



Item Name: Heli-Utility-Basket, LH

Start Date: 11/25/2010 Start Qty: 1.00



Cust Item ID:

Required Date: 12/3/2010 Req'd Qty: 1.00



Customer:

Reference:

Run Start



Approvals: Process Plan: \_\_\_\_\_ Date: \_\_\_\_\_ Tooling: \_\_\_\_\_ Date: \_\_\_\_\_

Stop



QC: \_\_\_\_\_ Date: \_\_\_\_\_ SPC (Y/N): \_\_\_\_\_ Date: \_\_\_\_\_

Sequence ID/  
Work Center IDOperation  
DescriptionSet Up/  
Run Hours

Tool ID

Tool #

Plan  
CodeAccept  
QtyReject  
QtyReject  
NumberInsp.  
Stamp

130

QC5- Inspect part completeness to step on W/O

0.00

S 10/12/20



QC

0.00

Memo

Quality Control

\*\*\*\*\*Ensure label for weight capacity is correct\*\*\*\*\*

40

140

Pick Kit

0.00



Packaging

Memo

0.00

Packaging

C 12/20 1

150

QC4- 100% Inspect kits for completeness

0.00



QC

0.00

Memo

Quality Control

S 10/12/20

40

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

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**NOTE:** Date & initial all entries

**Work Order ID 64140**

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Thursday, November 25, 2010 2:49:18 PM

Item ID: D350-607-041

Accept



Setup Start



Revisor ID:

Stop



Item Name: Heli-Utility-Basket, LH

Start Date: 11/25/2010 Start Qty: 1.00



Cust Item ID:

Required Date: 12/3/2010 Req'd Qty: 1.00



Customer:

Reference:

Run Start



Approvals: Process Plan: \_\_\_\_\_ Date: \_\_\_\_\_ Tooling: \_\_\_\_\_ Date: \_\_\_\_\_

Stop



QC: \_\_\_\_\_ Date: \_\_\_\_\_ SPC (Y/N): \_\_\_\_\_ Date: \_\_\_\_\_

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	---------	--------	--------------	---------------	---------------	------------------	----------------

160

0.00



Packaging

Packaging

Memo

0.00

Packaging

Identify and pack for shipping as per PPP D350-607-041  
Location: \_\_\_\_\_

170

0.00



QC21- Final Inspection - Work Order Release

QC

Memo

0.00

Quality Control

MF  
10-12-21

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
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**NOTE:** Date & initial all entries

# Picklist Print

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Page 1

Work Order ID: 64140

Parent Item: D350-607-041

Parent Item Name: Heli-Utility-Basket, LH



Start Date: 11/25/2010

Required Date: 12/3/2010

Start Qty: 1.00

Required Qty: 1.00

Comments: IPP Rev:M 05.09.02 Added D2856-400-720 KJ/JLM  
 IPP Rev:N 07-12-21 ECN1068 DD IPP Rev:O as  
 per ECN10-545 DD 10.04.16 verified by:EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
---------------------------------	------------------------	---------------	-------------	---------------------	------------------	-----------------	--------------------	----------------	-------------	--------------	---------------	----------------	--------

D350-607-241	64140	Manufactured	No			140	Each	4.0000	1	1			
Basket Clamp Assembly													

Location Loc Qty Loc Code

FG 3

63345 3

FG022 1

62871 1

D2221		Manufactured	No			110	Each	0.0000	1	1			
350 Basket Base													

D2512		Manufactured	No			110	Each	0.0000	1	1			
Basket Lid 205/350													

D2022-101		Manufactured	No			110	Each	116.0000	2	2			
Spacer													

Location Loc Qty Loc Code

ST504 116

50746 23

52325 10

61990 4

63318 79

64077 11/14/20

B64141 11/10/12/20

B64142 11/10/12/20

11/12/20

2

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
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**NOTE:** Date & initial all entries



# Picklist Print

Page 2

Thursday, November 25, 2010 2:49:22 PM

Work Order ID: 64140

Parent Item: D350-607-041



Parent Item Name: Heli-Utility-Barrel, LH

Start Date: 11/25/2010

Required Date: 12/3/2010

Start Qty: 1.00



Required Qty: 1.00

D2258-200	Manufactured	No	110	Each	4.0000	1	1
							10/12/17sf
Placard 200lb							

<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
-----------------	----------------	-----------------

ST505	4	
-------	---	--

61760	4	
-------	---	--


D2332-041	Manufactured	No	110	Each	7.0000	1	1
							10/12/17sf
Lid Prop Assembly 6.69" long							



<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
-----------------	----------------	-----------------

ST512	7	
-------	---	--

60211	2	
-------	---	--

61222	5	
-------	---	--



D2530	Manufactured	No	110	Each	0.0000	1	1
							B62946 10/12/17sf
Handle Weldment							

D2535	Manufactured	No	110	Each	48.0000	2	2
							10/12/17sf
Spring							

<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
-----------------	----------------	-----------------

ST504	48	
-------	----	--

58331	48	
-------	----	--

D2537	Manufactured	No	110	Each	30.0000	2	2
							10/12/17sf
Bushing							

<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
-----------------	----------------	-----------------

ST504	30	
-------	----	--

62393	30	
-------	----	--

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Page 2

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

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# Picklist Print

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Work Order ID: 64140

Parent Item: D350-607-041

Parent Item Name: Heli-Utility-Basket, LH

Start Date: 11/25/2010

Required Date: 12/3/2010

Start Qty: 1.00

Required Qty: 1.00

D2728-3 Manufactured No

110 Each

0.0000

2

2



Dart Logo label

D2931 Manufactured No

110 Each

762.0000

2

2



Bumper

Location

Loc Qty

Loc Code

ST504

762

46064

762

AN3-16A

Purchased No

110 Each

76.0000

2

2



Bolt

Location

Loc Qty

Loc Code

ST352

76

114752

76

AN4-7A

Purchased No

110 Each

142.0000

2

2



Bolt

Location

Loc Qty

Loc Code

ST356

142

113226

92

115373

50

AN4-22A

Purchased No

110 Each

171.0000

1

1



Bolt

Location

Loc Qty

Loc Code

ST359

171

111965

2

114523

69

114784

100

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Page 3

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

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DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
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**NOTE:** Date & initial all entries

# Picklist Print

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Work Order ID: 64140

Parent Item: D350-607-041


Parent Item Name: Heli-Utility Basket, LH

Start Date: 11/25/2010

Required Date: 12/3/2010

Start Qty: 1.00

Required Qty: 1.00

AN4-24A Purchased No 110 Each 26.0000 1 1  
  
 Bolt


Location Loc Qty Loc Code

ST359 20

115835 20

ST360 6

112641 6

AN5-17A Purchased No 110 Each 94.0000 4 4  
  
 Bolt


Location Loc Qty Loc Code

ST339 94

114784 4

115594 40


116003 50

AN960JD8 NAS1149DN832 Purchased No 110 Each 10.0000 2 2  
  
 Washer

Location Loc Qty Loc Code

ST347 10

105059 10

AN960JD416 NAS1149D0463J Purchased No 110 Each 30.0000 2 2  
  
 Washer

Location Loc Qty Loc Code

ST300 24

113288 24

ST356 6

115622 6

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Page 4

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

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DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

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# Picklist Print

Thursday, November 25, 2010 2:49:22 PM

Work Order ID: 64140

Parent Item: D350-607-041

Parent Item Name: Heli-Utility Basket, LH

Start Date: 11/25/2010

Required Date: 12/3/2010

Start Qty: 1.00

Required Qty: 1.00

AN960JD416L NAS1149D0416J Purchased No

110 Each

178.0000

2

2



Washer



10/12/175

Location

Loc Qty

Loc Code

ST346

174

106785

2

110153

172

2

ST351

4

115103

4

AN960JD516 NAS1149D0563J Purchased No

110 Each

34.0000

4

4



Washer



M114942 10/12/175

Location

Loc Qty

Loc Code

ST

34

103694

18

107534

12

109287

4

AN970-4 Purchased No

110 Each

143.0000

4

4



Washer



10/12/175

Location

Loc Qty

Loc Code

ST344

100

115936

100

ST349

43

116081

43

4

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries



# Picklist Print

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Thursday, November 25, 2010 2:49:22 PM

Work Order ID: 64140

Parent Item: D350-607-041

Parent Item Name: Heli-Ut .ty-Basket, LH

Start Date: 11/25/2010

Required Date: 12/3/2010

Start Qty: 1.00

Required Qty: 1.00

MS20600-AD4W3

Purchased

No

110

Each

1,477.000

2



Cherry Rivets



10/12/17

Location

Loc Qty

Loc Code

ST321

1477

107939

754

111636

723

MS21042L3

Purchased

No

110

Each

1,551.000

2



Nut



10/12/17

Location

Loc Qty

Loc Code

ST300

1551

114784

555

115835

996

MS21042L4

Purchased

No

110

Each

5,320.000

4



Nut



10/12/17

Location

Loc Qty

Loc Code

ST300

5320

1123143

2

115108

20

115589

698

115621

1100

116188

3500

4

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng -	Sign & Date			

**NOTE:** Date & initial all entries

# Picklist Print

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Thursday, November 25, 2010 2:49:22 PM

Work Order ID: 64140



Parent Item: D350-607-041



Parent Item Name: Heli-Utility-Basket, LH

Start Date: 11/25/2010

Required Date: 12/3/2010

Start Qty: 1.00

Required Qty: 1.00

MS21042L5

Purchased

No

110

Each

1,327.000

4

4



10/12/17 SP

Nut

Location

Loc Qty

Loc Code

ST139

26

114813

26

ST300

1301

115156

101

115594

500

116104

200

116105

500

4

Thursday, November 25, 2010 2:49:22 PM

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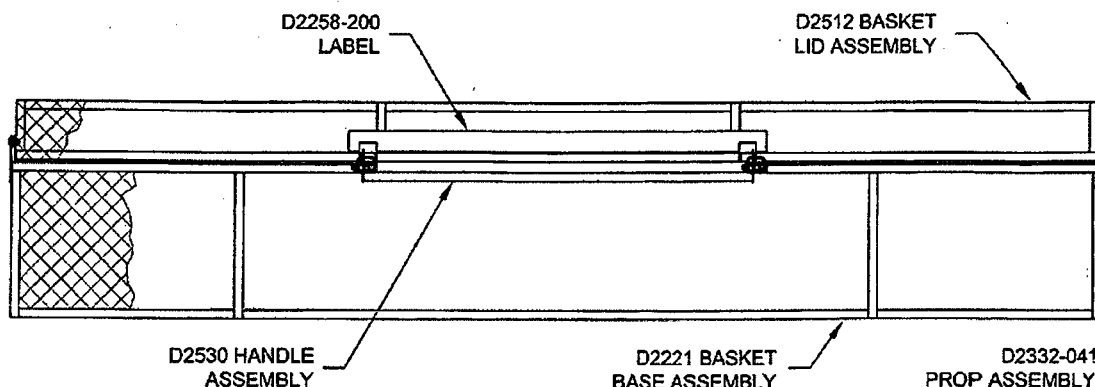
W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

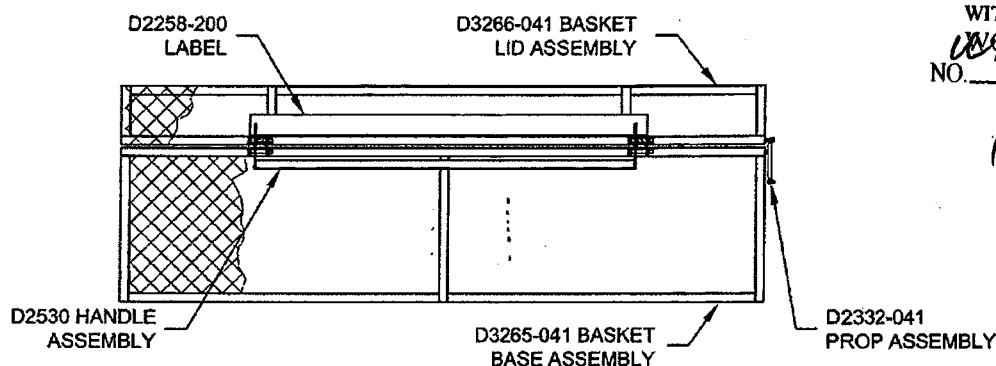
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NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

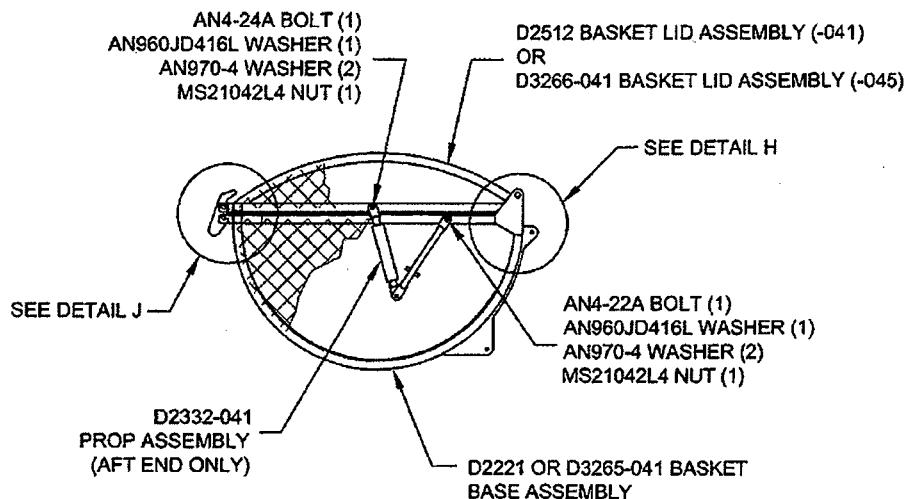
**NOTE:** Date & initial all entries



**D350-607-041 HELI-UTILITY- BASKET™**



**D350-607-045 HELI-UTILITY- BASKET™**



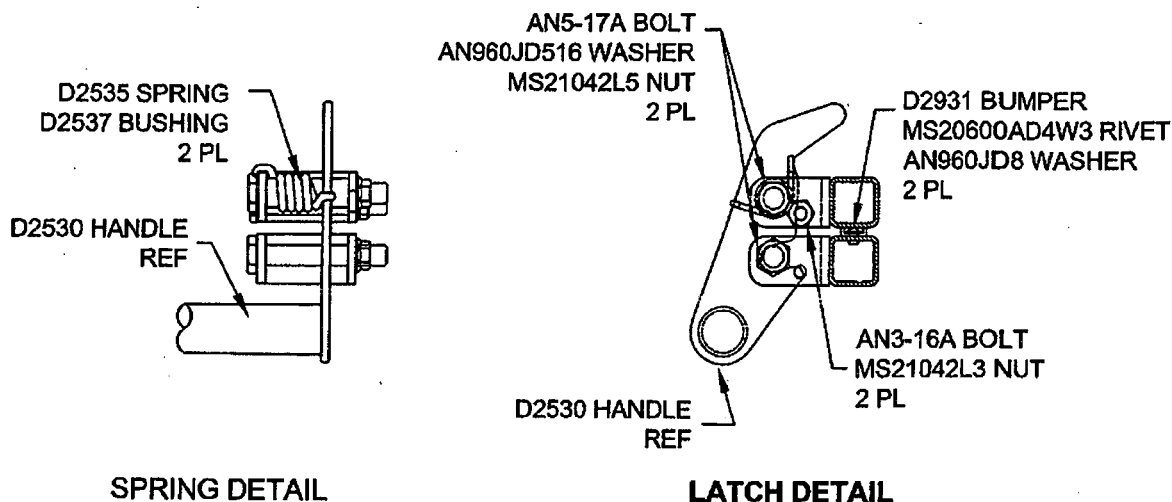
**VIEW C-C**  
**PROP ARM DETAIL**

**Figure 5 – Basket Replacement Parts**

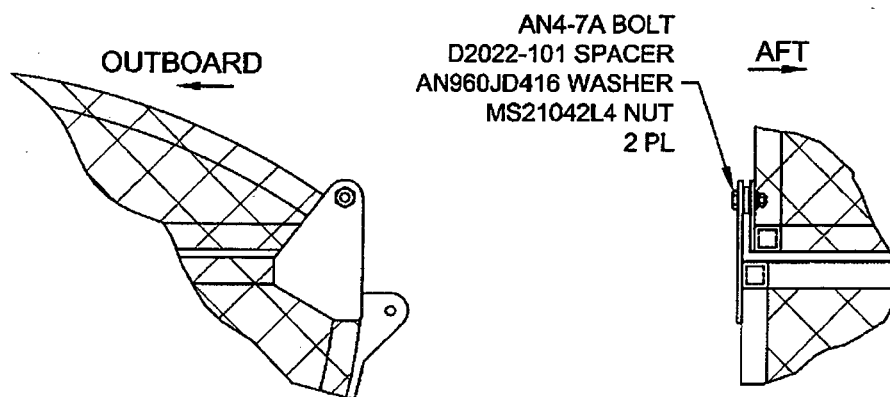
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Revision: **A**  
Date: 10.03.10

SHOP COPY  
RETURN TO  
ENGINEERING  
UNCONTROLLED COPY  
SUBJECT TO AMENDMENT  
WITHOUT NOTICE  
WORK ORDER NO. *1010-041-110*  
*1210-11-28*



**DETAIL J:  
HANDLE WELDMENT**



**HINGE DETAIL**  
END VIEW, LOOKING AFT  
OTHER END OPPOSITE

**HINGE DETAIL**  
SIDE VIEW, LOOKING OUTBOARD.  
OTHER END OPPOSITE

**DETAIL H:  
HINGE**

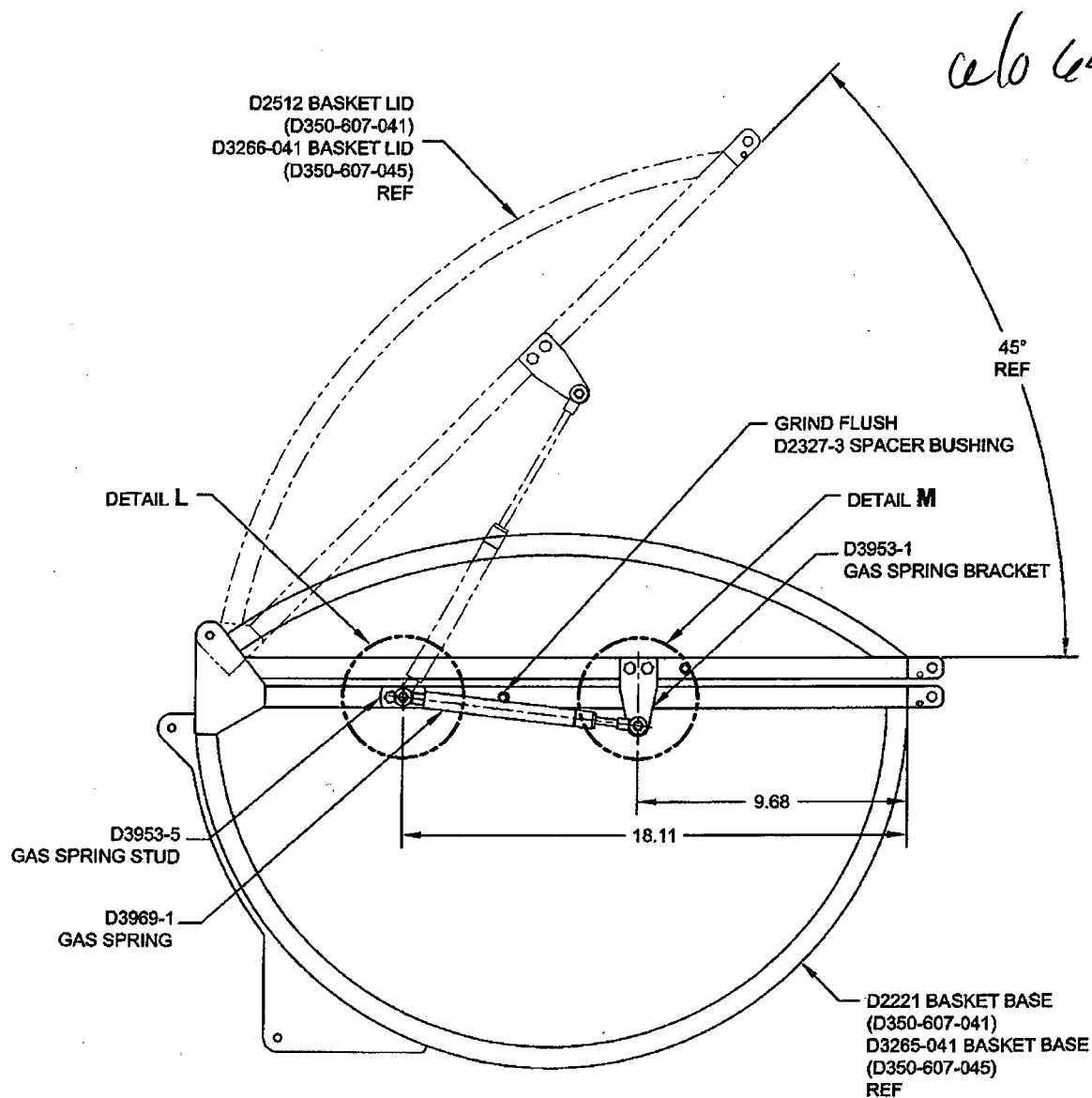
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WITHOUT NOTICE  
WORK ORDER  
NO. 64146

*6/10/25*

**Figure 7 – Basket Replacement Parts**

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Date: 10.03.10



**D350-607-141 AUTOMATIC LID OPENER INSTALLATION**  
(BOTH ENDS)

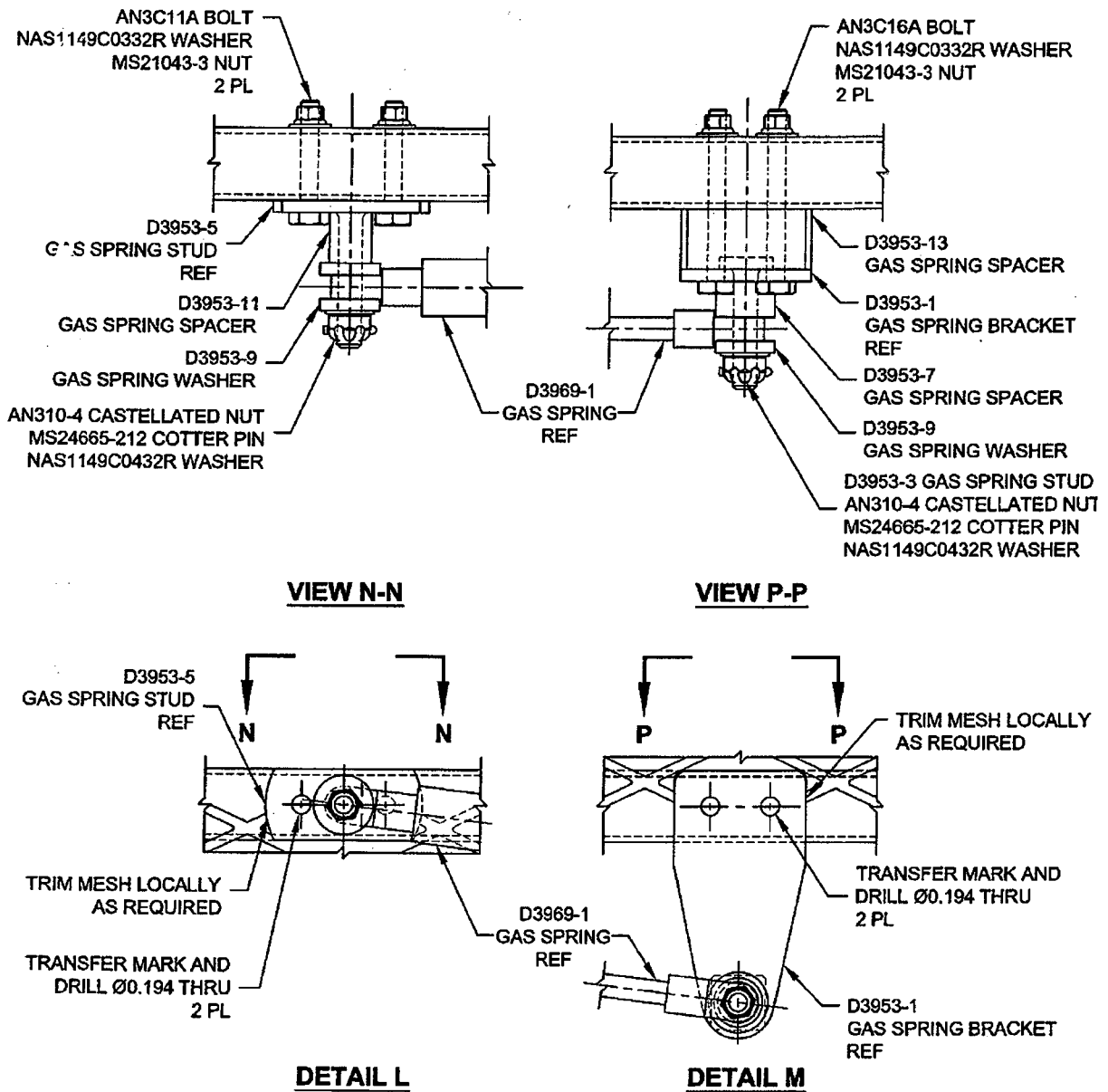
**D350-607-145 AUTOMATIC LID OPENER INSTALLATION**  
(1 END ONLY)

**Figure 8a – Automatic Lid Opener Installation**

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Revision: **A**  
Date: 10.03.10

*alob4140*



**Figure 8b – Automatic Lid Opener Installation**